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ABSTRACT

When a frequency measurement unit measures the frequency of a temperature-sensing oscillation test signal and the frequency of a driving-pulse signal transmitted from an electronic apparatus via an coil electromagnetically coupled with a motor coil, a temperature-compensation data generation unit creates temperature-compensation data based on the frequency of the temperature-sensing oscillation test signal and the frequency of the driving-pulse signal. This temperature-compensation data is transmitted to an analog electronic timepiece via the coil. That is, a state of the analog electronic timepiece is measured in a non-contact manner and the temperature-compensation data obtained based on the measurement result is transmitted, whereby the analog electronic timepiece is adjusted in a state of being incorporated in an external casing.

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